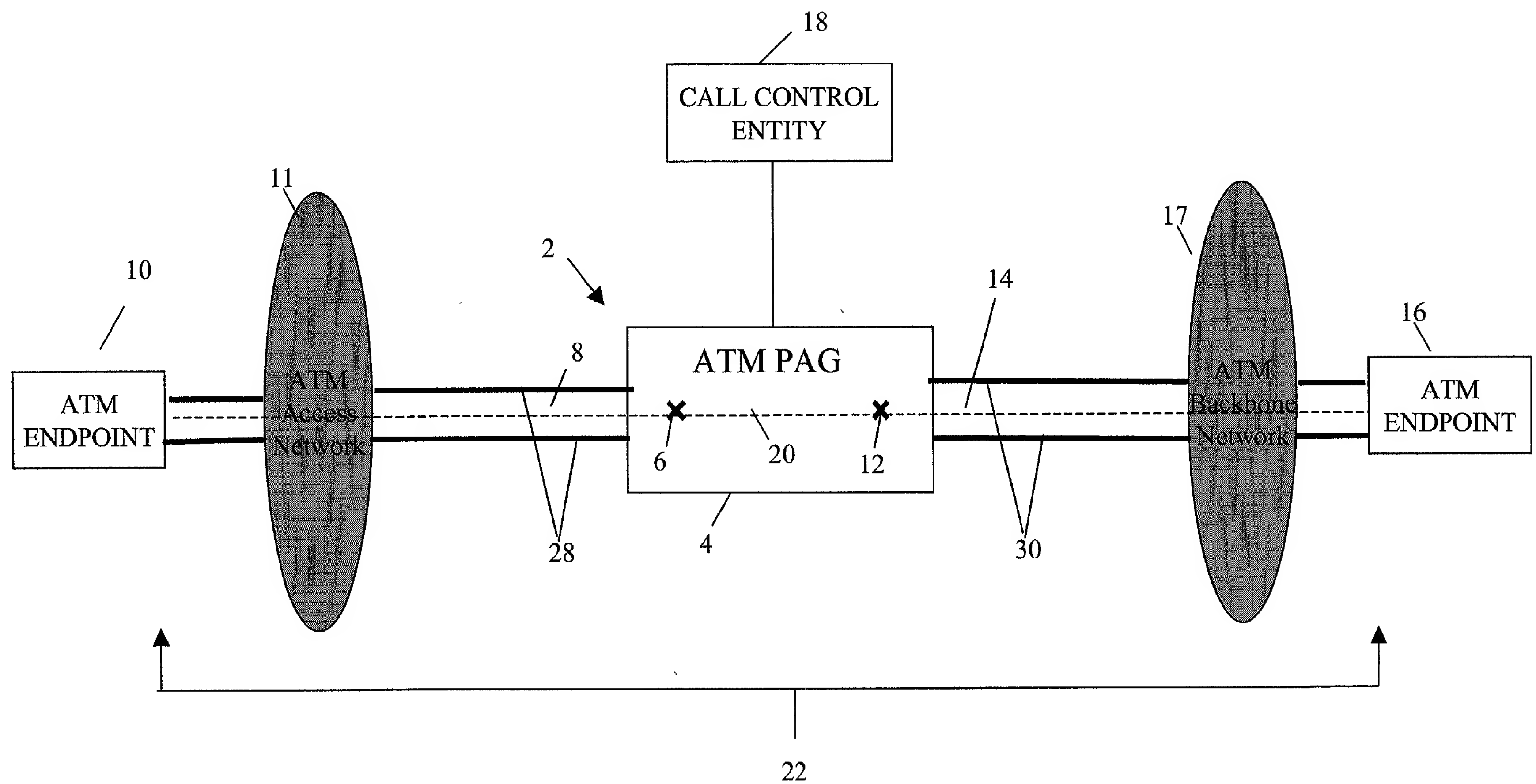
CALL CONTROL ENTITY
18
ATM PAG
ATM ENDPOINT
10
ATM Access Network
11
2
8
6
20
12
4
28
14
30
ATM Backbone Network
17
ATM ENDPOINT
16
22

FIG. 1

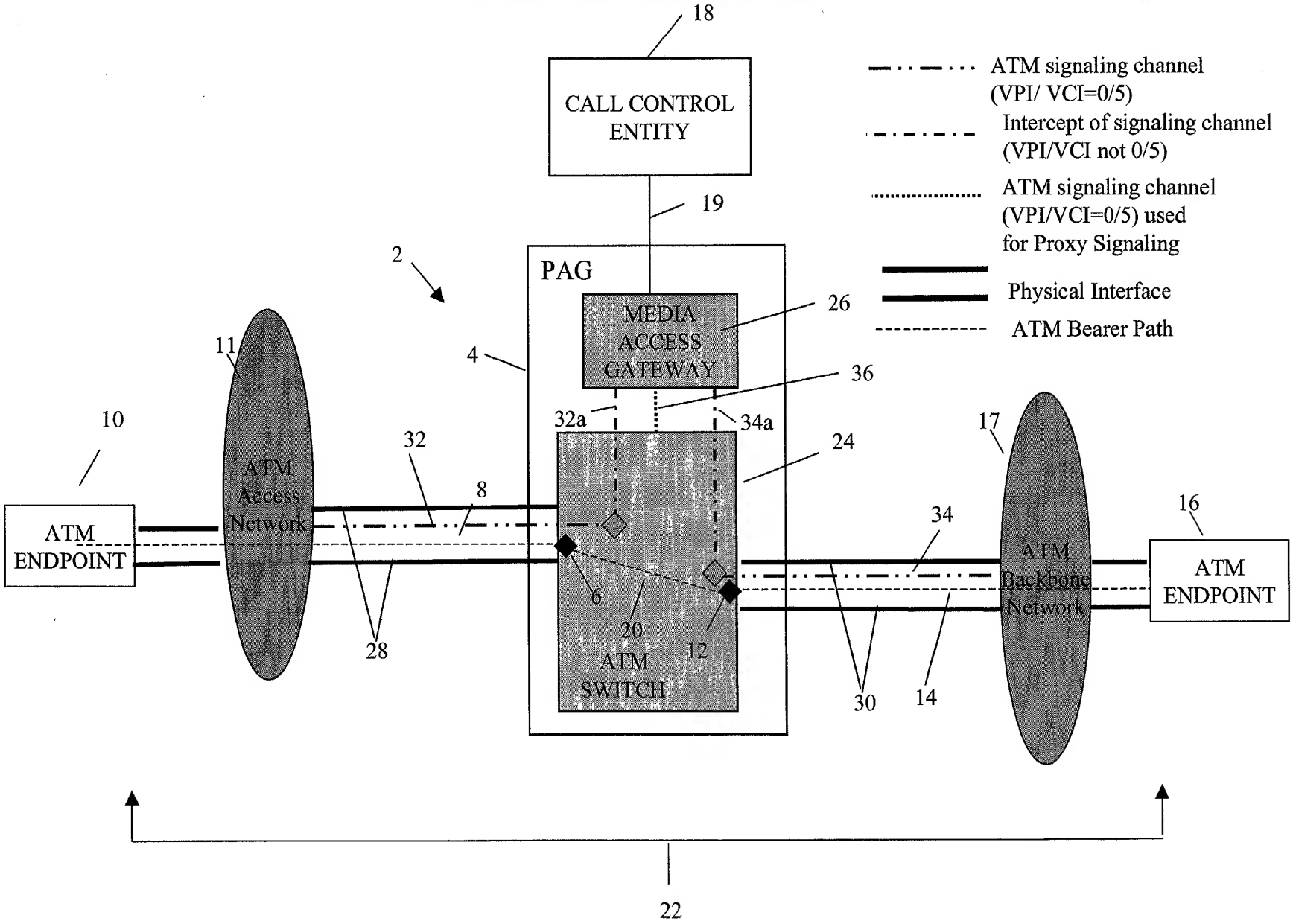
18
CALL CONTROL ENTITY
19
2
PAG
MEDIA ACCESS GATEWAY
26
4
36
32a
34a
24
11
10
ATM Access Network
32
8
ATM ENDPOINT
6
20
ATM SWITCH
12
28
34
17
ATM Backbone Network
16
ATM ENDPOINT
30
14
22
ATM signaling channel (VPI/ VCI=0/5)
Intercept of signaling channel (VPI/VCI not 0/5)
ATM signaling channel (VPI/VCI=0/5) used for Proxy Signaling
Physical Interface
ATM Bearer Path

FIG. 2

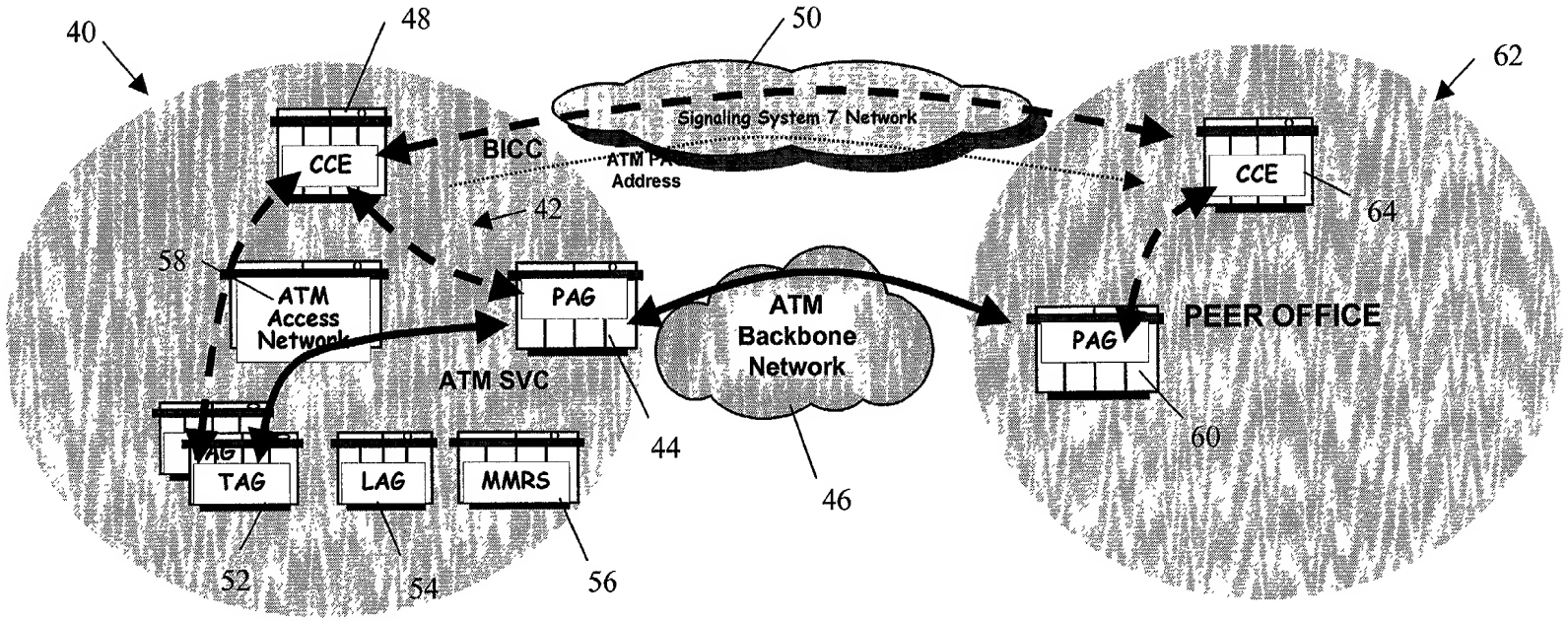

FIG. 3

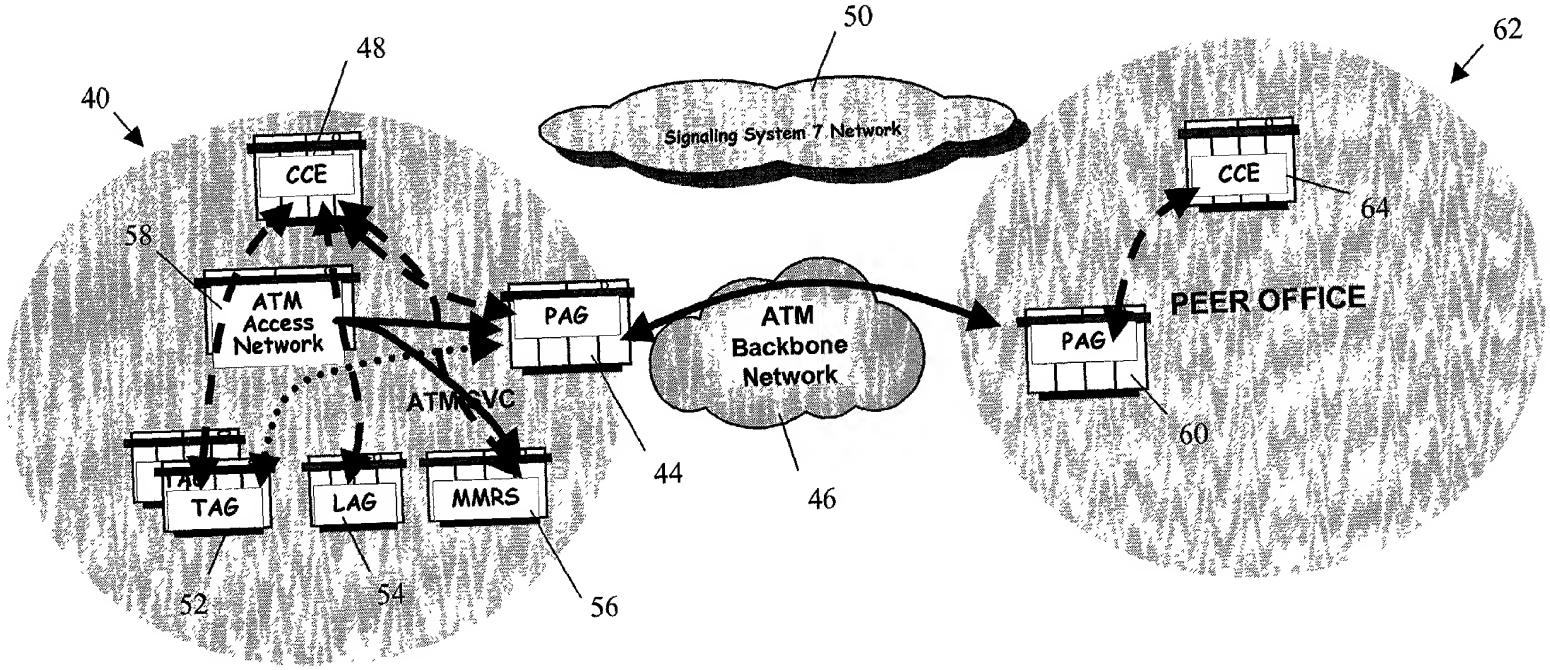

FIG. 4

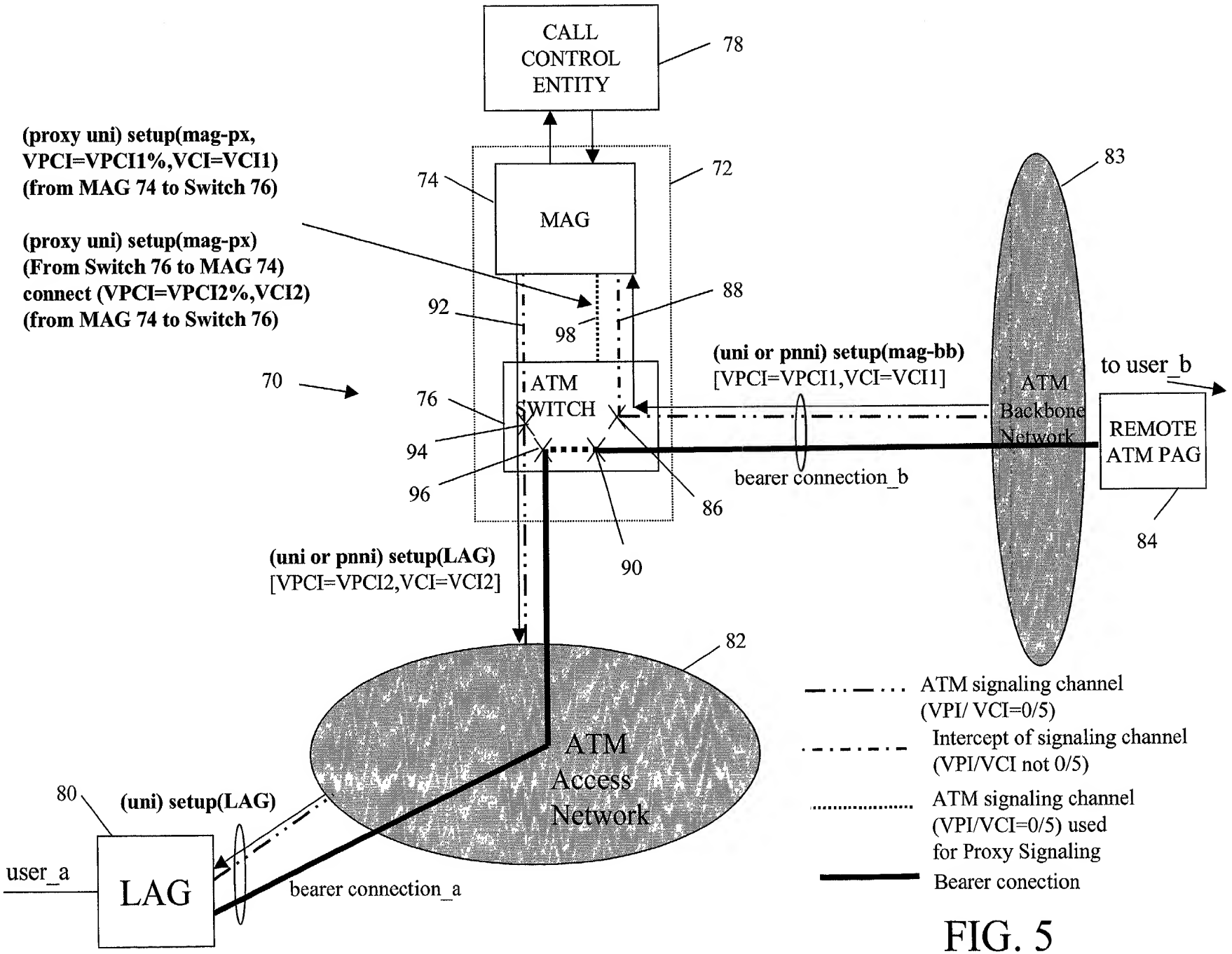
CALL CONTROL ENTITY
78
(proxy uni) setup(mag-px, VPCI=VPCI1%,VCI=VCI1) (from MAG 74 to Switch 76)
(proxy uni) setup(mag-px) (From Switch 76 to MAG 74) connect (VPCI=VPCI2%,VCI2) (from MAG 74 to Switch 76)
74
MAG
72
83
92
98
88
70
76
ATM SWITCH
94
96
86
90
(uni or pnni) setup(mag-bb) [VPCI=VPCI1,VCI=VCI1]
ATM Backbone Network
to user_b
REMOTE ATM PAG
84
bearer connection_b
(uni or pnni) setup(LAG) [VPCI=VPCI2,VCI=VCI2]
82
ATM Access Network
80
(uni) setup(LAG)
user_a
LAG
bearer connection_a
ATM signaling channel (VPI/ VCI=0/5)
Intercept of signaling channel (VPI/VCI not 0/5)
ATM signaling channel (VPI/VCI=0/5) used for Proxy Signaling
Bearer conection

FIG. 5

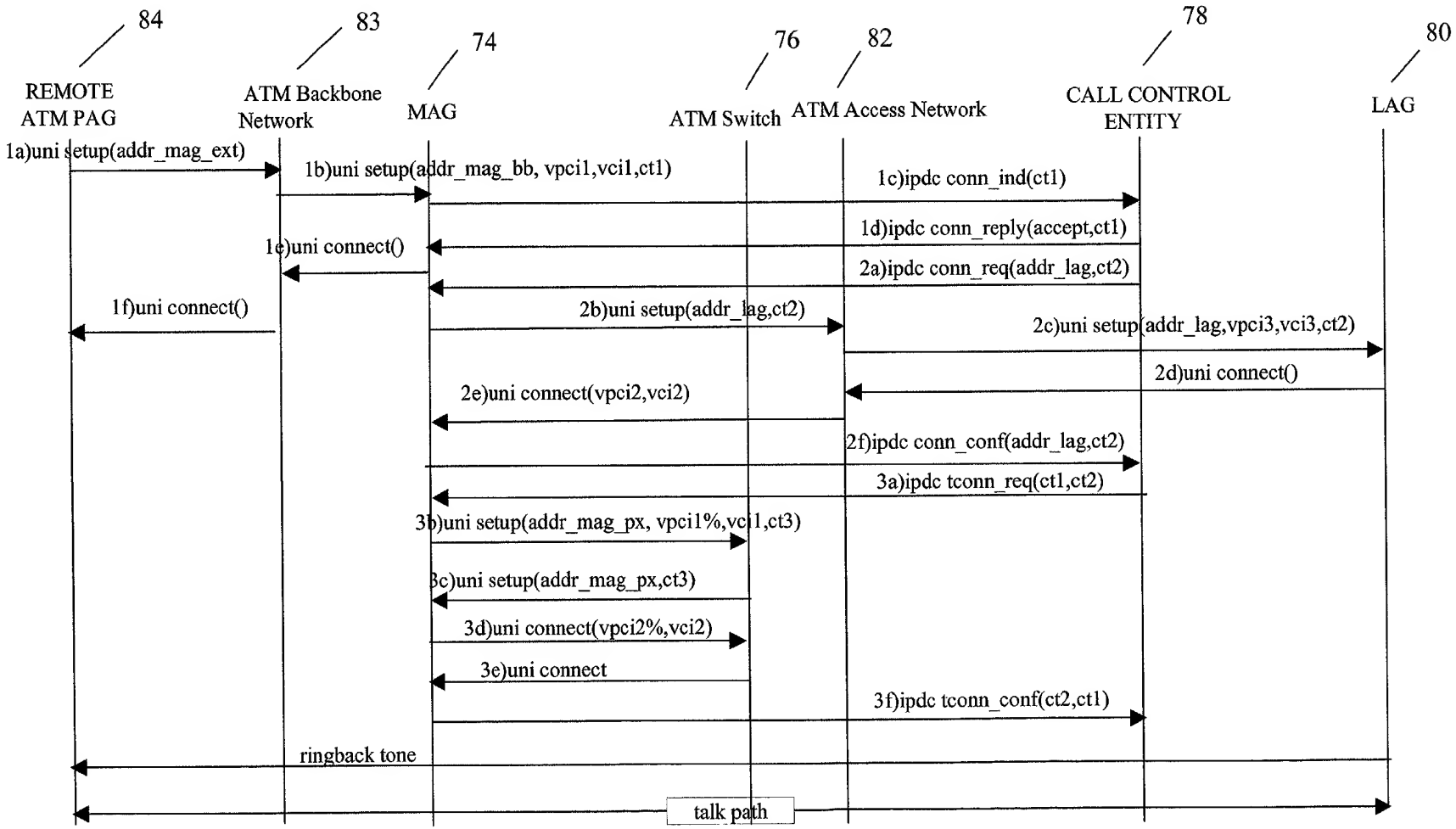

FIG. 6